

## EAST Search History

| Ref # | Hits | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|--|--|------------------|---------|------------------|
| S1    | 3    | ((("5600988") or ("5720195") or ("5887472"))).PN.  | USPAT  | OR               | OFF     | 2007/08/14 16:01 |
| S2    | 727  | (72/238).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR               | OFF     | 2007/08/14 16:12 |
| S3    | 3    | "20050020936"  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2007/08/14 16:24 |
| S6    | 2236 | (72/237-239).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR               | OFF     | 2007/08/15 15:46 |
| S7    | 395  | S6 and pivot\$4  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND              | ON      | 2007/08/14 16:26 |
| S8    | 3    | ("20020078728"   "3583195"   "6763565").PN. OR ("7165432").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | AND              | ON      | 2007/08/14 16:37 |
| S9    | 475  | (72/239).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR               | OFF     | 2007/08/15 09:39 |
| S10   | 24   | ("2120316"   "2601812"   "3323341"   "3472053"   "3475939"   "3583195"   "3665746"   "3748719"   "3880648"   "4435970"   "4587698"   "4724695"   "5016806"   "5095728"   "5107695"   "5148960"   "5192013").PN. OR ("5600988").URPN. | US-PGPUB;<br>USPAT; USOCR                          | AND              | ON      | 2007/08/15 10:37 |
| S11   | 14   | ("1031055"   "2987008"   "3208260"   "3394576").PN. OR ("3583195").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | AND              | ON      | 2007/08/15 10:52 |
| S12   | 31   | ("1936582"   "1988679"   "3136182"   "3142208"   "3190099"   "3212314"   "3221530"   "3316746"   "3525244").PN. OR ("3665746").URPN.   | US-PGPUB;<br>USPAT; USOCR                          | AND              | ON      | 2007/08/15 11:57 |

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| S13 | 12   | ("3180125"   "3194046").<br>PN. OR ("3712102").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                          | AND | ON  | 2007/08/15<br>12:00 |
| S14 | 28   | ("1833376"   "3251210"  <br>"3750446"   "3796081"  <br>"4142393"   "4557129").<br>PN. OR ("4724695").<br>URPN.           | US-PGPUB;<br>USPAT; USOCR                          | AND | ON  | 2007/08/15<br>12:06 |
| S15 | 12   | ("2829697"   "3376724"  <br>"3396566"   "3451244"  <br>"3583195"   "3979939"  <br>"4005594").PN. OR<br>("5009096").URPN. | US-PGPUB;<br>USPAT; USOCR                          | AND | ON  | 2007/08/15<br>12:08 |
| S16 | 12   | ("3208260").URPN.  | USPAT  | AND | ON  | 2007/08/15<br>12:10 |
| S18 | 246  | changeover and mill and<br>wheel   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2007/08/15<br>15:45 |
| S19 | 145  | S18 and roller   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2007/08/15<br>15:45 |
| S20 | 2236 | (72/237-239).CQLS.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | OR  | OFF | 2007/08/15<br>15:47 |
| S21 | 76   | S20 and pivot\$4 and rail<br>and wheel   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2007/08/15<br>15:47 |
| S22 | 1    | ("7165432").PN.  | USPAT  | OR  | OFF | 2007/08/16<br>07:50 |
| S24 | 28   | ("1833376"   "3251210"  <br>"3750446"   "3796081"  <br>"4142393"   "4557129").<br>PN. OR ("4724695").<br>URPN.           | US-PGPUB;<br>USPAT; USOCR                          | AND | ON  | 2008/02/21<br>16:17 |
| S25 | 729  | (72/238).CQLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR  | OFF | 2008/02/22<br>08:26 |
| S26 | 479  | (72/239).CQLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR  | OFF | 2008/02/22<br>12:05 |
| S27 | 0    | ("2007/0186610").URPN.   | USPAT  | AND | ON  | 2008/02/22<br>12:24 |
| S28 | 1583 | metal and (roll or rolling<br>or roller) and ((mill or<br>stand) near5 (pivot\$4))                                       | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2008/02/22<br>14:14 |

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| S29 | 5544987 | change or changing or<br>changeover  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/02/22<br>14:15 |
| S30 | 949     | S28 and S29  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/02/22<br>14:15 |
| S31 | 123984  | metal and (roll or rolling)<br>and (mill or stand)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/02/22<br>14:48 |
| S32 | 116518  | (roll or roller) with<br>(change or changing or<br>replace or replacing)   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/02/22<br>14:48 |
| S33 | 1923    | ((roll or roller) with<br>(change or changing or<br>replace or replacing))<br>NEAR10 (pivot\$4)  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/02/22<br>14:49 |
| S34 | 91      | S31 and S33  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON | 2008/02/22<br>14:49 |
| S35 | 205     | ("0136816"   "0494904"  <br>"1031055"   "1244985"  <br>"1833376"   "1936582"  <br>"1988679"  <br>"20020078728"  <br>"2120316"   "2179849"  <br>"2588120"   "2592948"  <br>"2601812"   "2680466"  <br>"2829697"   "2987008"  <br>"3136182"   "3142208"  <br>"3180125"   "3190099"  <br>"3194046"   "3208260"  <br>"3212314"   "3221530"  <br>"3251210"   "3263284"  <br>"3280921"   "3301031"  <br>"3310971"   "3316746"  <br>"3323341"   "3355923"  <br>"3376724"   "3394576"  <br>"3396566"   "3451244"  <br>"3472053"   "3475939"  <br>"3525244"   "3583195"  <br>"3595055"   "3657912"  <br>"3665746"   "3689970"  <br>"3712102"   "3748719"  <br>"3750446"   "3777531"  <br>"3796081"   "3875776"  <br>"3880648"   "3899910"  <br>"3902345"   "3951323"  <br>"3954164"   "3979939"  <br>"3994334"   "4005594"  <br>"4012825"   "4142393" | US-PGPUB;<br>USPAT; USOCR                          | AND | ON | 2008/02/22<br>15:03 |

|     |      |  |  |     |     |                     |
|-----|------|--|--|-----|-----|---------------------|
|     |      | "4154074"   "4222258"  <br>"4435970"   "4449923"  <br>"4454738"   "4557129"  <br>"4581819"   "4587698"  <br>"4635458"   "4651549"  <br>"4653304"   "4685390"  <br>"4715209"   "4724695"  <br>"4726213"   "4745788"  <br>"4898013"   "5016806"  <br>"5050418"   "5069054"  <br>"5085067"   "5095728"  <br>"5107695"   "5127249"  <br>"5148960"   "5184492"  <br>"5192013"   "5435686"  <br>"5461896"   "5535129"  <br>"5560237"   "5600988"  <br>"5720195"   "5758533"  <br>"5901591"   "5950477"  <br>"6216517"   "6253593"  <br>"6338262"   "6763565"  <br>PN. OR ("2987008"  <br>"3208260"   "3583195"  <br>"3665746"   "3712102"  <br>"3750446"   "3796081"  <br>"4615201"   "4724695"  <br>"4979555"   "5009096"  <br>"5461896"   "5600988"  <br>"5887472"   "6240763"  <br>"6792783"   "7165432"  <br>URPN. |  |     |     |                     |
| S36 | 16   | ("3323345"   "3559441"  <br>"3635066"   "3638468"  <br>PN. OR ("3979939"  <br>URPN.  | US-PGPUB;<br>USPAT; USOCR                | AND | ON  | 2008/02/22<br>15:23 |
| S37 | 266  | (72/226).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | OFF | 2008/02/25<br>08:20 |
| S38 | 1054 | (72/234).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | OFF | 2008/02/25<br>08:55 |
| S39 | 645  | (72/446).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | OFF | 2008/09/19<br>14:59 |
| S40 | 286  | (72/447).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | OFF | 2008/09/19<br>16:40 |
| S41 | 231  | (72/227).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | OFF | 2008/09/19<br>16:49 |
| S42 | 107  | (72/228).CCLS.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR  | OFF | 2008/09/19<br>16:53 |

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|-----|-----|---|--|-----|-----|---------------------|
| S43 | 123 | 483/16-28.cds. and (roller or rolling or (rolling adj2 mill))           | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/19<br>16:59 |
| S44 | 483 | (72/239).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR  | OFF | 2008/09/19<br>17:02 |
| S45 | 269 | (72/226).CCLS.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT           | OR  | OFF | 2008/09/19<br>17:03 |
| S46 | 330 | (work adj2 module) and first and second and line and position and drive | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO; DERWENT | AND | ON  | 2008/09/19<br>17:06 |

9/ 19/ 2008 5:17:04 PM

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